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TITLE: HEAT-SENSITIVE SUSTAINED RELEASE MATERIAL

PUBN-DATE: August 10, 1992

INVENTOR-INFORMATION:

NAME COUNTRY

SAIJO, TAKASHI

ASSIGNEE-INFORMATION:

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ABSTRACT:

PURPOSE: To obtain a heat-sensitive sustained release material dissipating a **volatile** substance exclusively in use and durable to the use over a long period by compounding a resin component with a meltable component and a material obtained by including a **volatile** substance in a sustained release material.

CONSTITUTION: The objective sustained release material is produced by compounding (A) a material produced by including a **volatile** substance selected from perfumery, insecticide, fungicide, repellent, rust-proofing agent, lubricant, algicide, etc., in a sustained release material composed of maltose, anhydrous silica, laminar crystal, porous material, etc., and (B) a meltable component selected from fatty acid, glycerol, higher alcohol, polyethylene **glycol**, wax, surfactant, etc., preferably having a freezing point or melting point of -15 to +88°C to (C) a resin such as thermoplastic resin, thermosetting resin, synthetic resin and natural resin.

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